



Surface Area Per Person Per Settlement (m²/person)

- 3 - 10
- 11 - 20
- 21 - 30
- 31 - 45
- 46 - 85

Standard Sphere Project (2004, UNHCR (2007))

Minimum recommended surface area per person = 45 m², including infrastructure.

The population per settlement was estimated by multiplying the average number of persons per household by the number of shelters counted by UNOSAT satellite image analysis. The analysis of satellite imagery represents the estimated population as of 14 June 2014. The average number of people per shelter was calculated for the Luuq area with a 95% confidence level using data collected during a REACH assessment at the beginning of September 2014. The average household size calculated by this assessment was 8.5. Each household had an average of 2 shelters.

Data sources:
Facilities and IDP sections: REACH assessment
Shelter Points: UNOSAT
Admin level: OCHA COD
Imagery Date: 14 June 2014
WorldView-2/DigitalGlobe
Coordinate System: WGS_1984_UTM_Zone_38N
File: REACH_SOM_Map_SomaliaDisplacementCrisis_Luuq_SurfaceAreaPerPerson_26Sep2014_A0
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Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associated, donors mentioned on this map. For Humanitarian purposes only.